

ABSTRACT OF THE DISCLOSURE

A magneto-resistive magnetic sensor has an overlay-type structure and includes a cap layer on a top surface of a magneto-resistive structure and a
5 pair of electrodes provided on said cap layer with a separation from each other, wherein there is interposed an oxidation-resistant conductive film underneath each electrode, such that the oxidation-resistant conductive film is sandwiched between the
10 cap film and the electrode.

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